

FIG. 1.

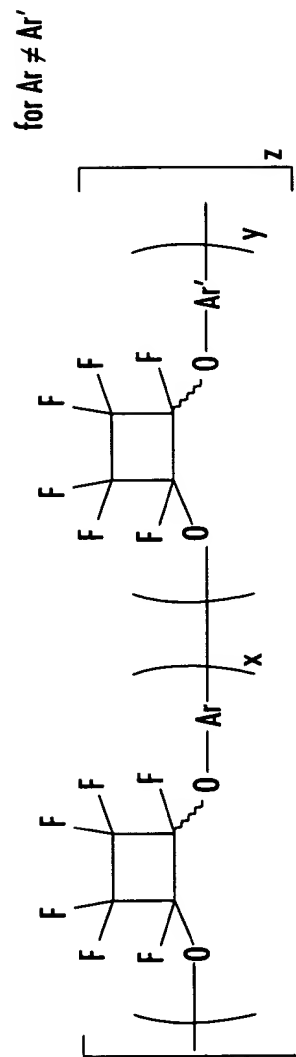
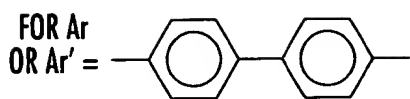
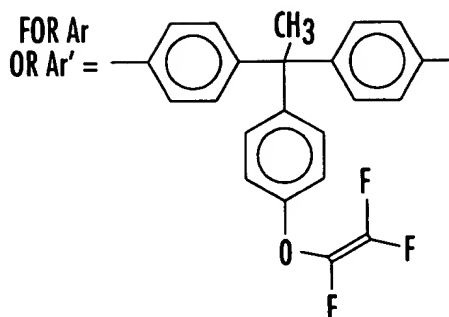


FIG. 1A.



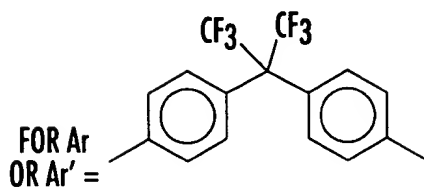
$T_g = 165\text{ }^{\circ}\text{C}$

**FIG. 2A.**



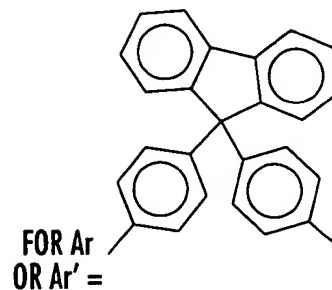
$T_g = 350\text{ }^{\circ}\text{C}$

**FIG. 2B.**

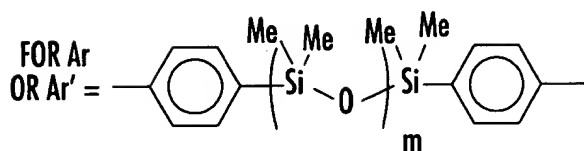


$T_g = 120\text{ }^{\circ}\text{C}$

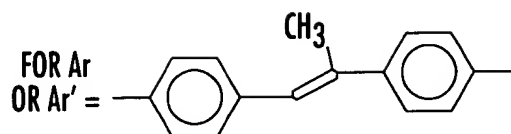
**FIG. 2C.**



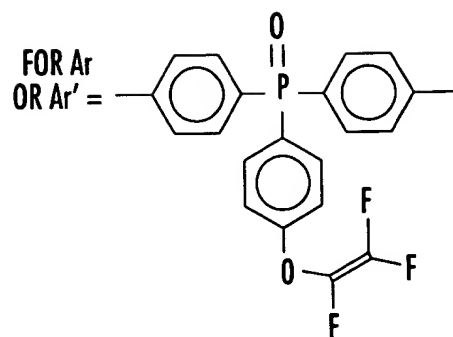
**FIG. 2D.**



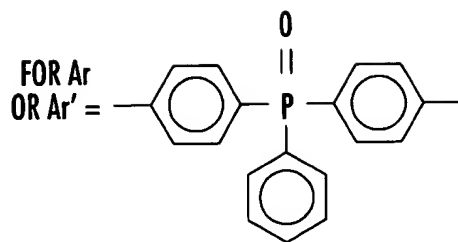
**FIG. 2F.**



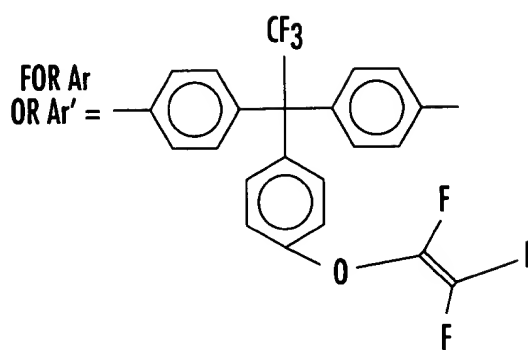
**FIG. 2E.**



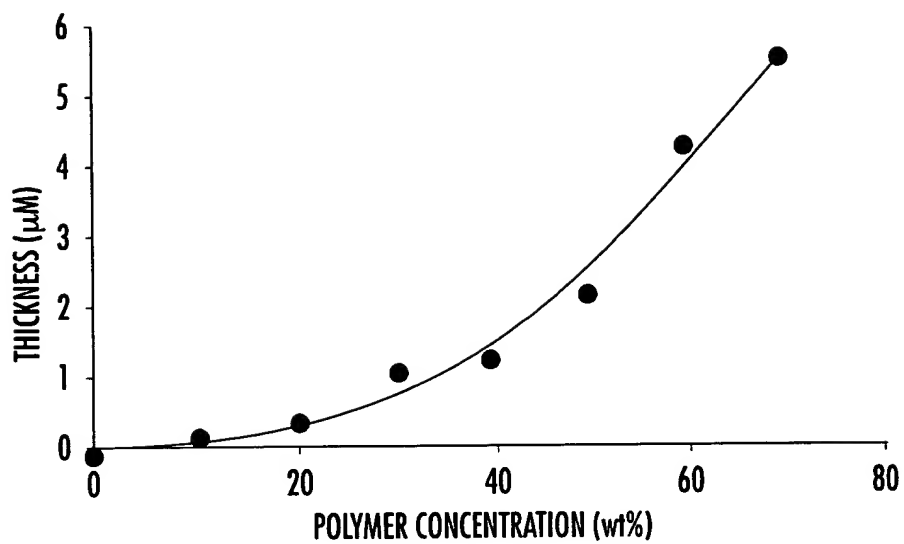
**FIG. 2G.**



**FIG. 2H.**

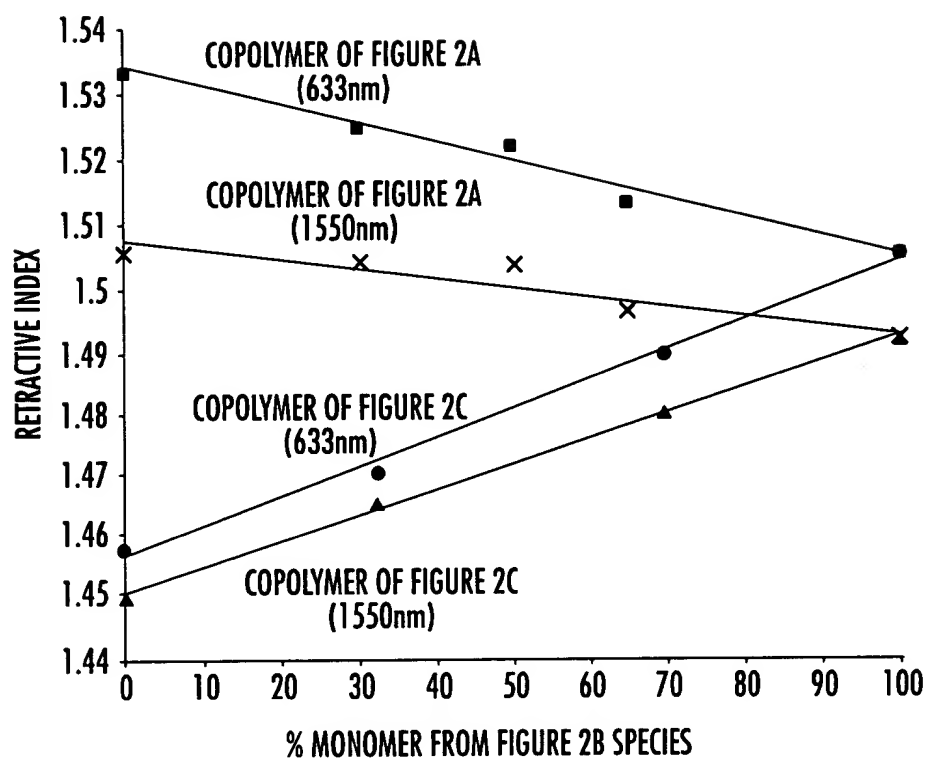


**FIG. 21.**



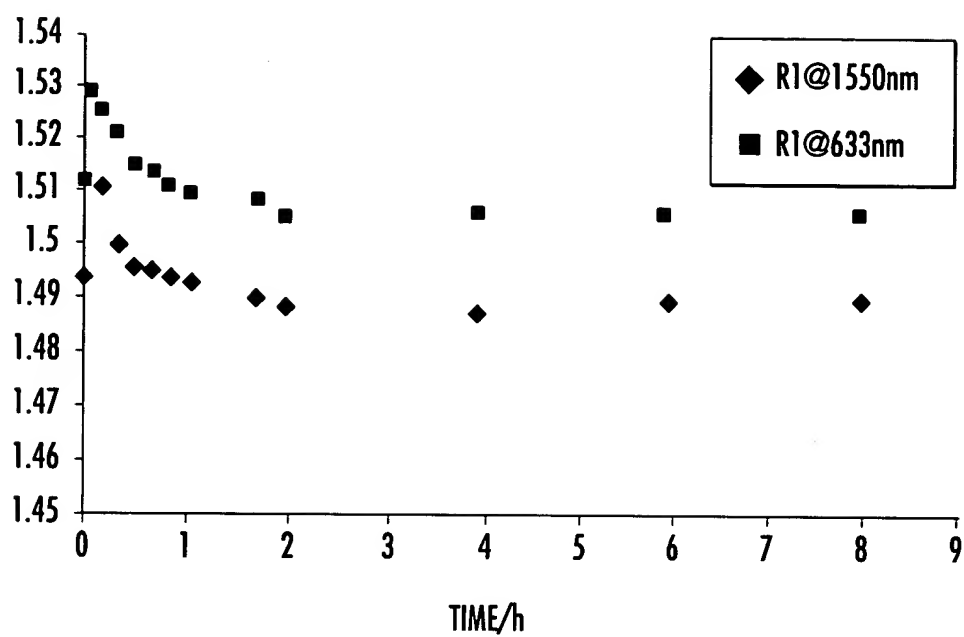
SPIN COATED FILM THICKNESS AT 600 RPM VS. WT.% COPOLYMER IN MESITYLENE FOR  
COPOLYMER OF SPECIES OF FIGURE 2A/2B

*FIG. 3.*



REFRACTIVE INDEX VS. INDICATED COPOLYMER COMPOSITIONS AT 633 AND 1550 nm

FIG. 4.



REFRACTIVE INDEX VS. CURE TIME AT 200°C FOR THE MONOMER OF FIGURE 2B

*FIG. 5.*